```rust
use std::io;

fn main() {
    println!("Enter a number:");

    let mut input = String::new();
    io::stdin().read_line(&mut input).expect("Failed to read input");

    match input.trim().parse::<i32>() {
        Ok(num) => {
            println!("{} squared is {}", num, num * num);
        }
        Err(_) => {
            println!("That's not a valid number.");
        }
    }
}
```